

AIRFIELD OPERATIONS

612- 400





References



DOD 4500.0-R, DTR, Part III, *Mobility*

FM 55-9, *Unit Air Movement Planning*

FM 3-35.4, *Deployment Fort-to-Port*

FORSCOM/ARNG Reg 55-1, *Unit Movement Planning*



Overview



- Facilitating Agencies
- APOE Operations
 - Marshaling Area
 - Alert Holding Area
 - Call Forward Area
 - Ready Line / Loading
 - Ramp Area
- APOD Operations



FACILITATING AGENCIES

A photograph of a long line of military Humvees parked in a lot. The vehicles are in various configurations, some with cargo covers. The text 'FACILITATING AGENCIES' is superimposed in large, bold, black capital letters across the middle of the image.



Aerial Movement



- Most units will ship their equipment & supplies via ocean vessels to SPOD & airlift unit personnel to an APOD
- Selected units (airborne, light forces) plan for deploying both equipment & personnel by airlift.



Deployment Authority

- The decision to deploy military forces originates with the NCA
- The CJCS issues the deployment order
- Deployment order addressed to appropriate Unified Commands and the Services



USTRANSCOM



- USTRANSCOM provides global land, sea & air transport to deploy and sustain forces



HQ USTRANSCOM
Scott AFB, IL





Air Mobility Command (AMC)



- AMC is USTRANSCOM component command that provides strategic airlift

AMC uses organic and commercial airlift assets

AMC's Tanker Airlift Control Element (TALCE) coordinates loading & off-loading operations at aerial ports





Tanker Airlift Control Element (TALCE)



- Provisional, deployed Air Mobility Command (AMC) element established at fixed, en route and deployed locations where AMC operational support is non-existent or insufficient
- Composed of mission support elements from various units (task organiz



Ref: FM 3-35.4, p.4-12

UMODPC



Tanker Airlift Control Element (TALCE) (cont)



- Responsibilities

Act as primary USAF POC at airfield

Provides technical assistance

Obtains/relays airflow information

Control aircraft

Conducts JI with DACG

Validates load plans/pax manifests

Provides MHE/CHE when required

Controls and supervises load teams

Provides continuing onsite management of airfield operations including weather information, C3I, security and maintenance





Deploying Unit Movement Instructions



- Deploying unit's higher headquarters issues movement orders/instructions based on CJCS & MACOM deployment orders/directives:
- Guidance may include:
 - Date/times for movement from HS to APOE
 - Equipment to deploy
 - Special logistical & soldier support instructions



UMC - Air Movement Responsibilities



- UMC

Primary installation POC for airlift operations and coordinating airlift requests
Maintains coordination with deploying unit, Army MACOM or ASCC, & AMC POC for aircraft departure times and mission changes
Coordinates (along with ITO) installation support for movement to and activities at APOE



Arrival/Departure Airfield Control Group A/DACG



- Mission is to coordinate and control the outloading and reception of units during deployment/redeployment
- Normally an ad hoc organization provided by a supporting installation
- Size and capabilities are mission dependent
- Task organized, consisting of non-deploying personnel and equipment
- Cargo Transfer Companies are best suited to perform this mission
- Installation providing A/DACG predesignated by FORSCOM

Ref: FM 3-35.4, p.4-12 and L-1

A/DACG Assignments

Ref: FORSCOM/ARNG Reg 55-1, p/65

<u>Installations</u>	<u>Peacetime</u>	<u>Installations</u>	<u>Peacetime</u>
Fort Benning	Lawson AAF	Fort Knox	Wright-Patterson AFB
Fort Bliss	Biggs AAF	Fort Leonard Wood	Whiteman AFB
Fort Belvoir	Andrews AFB	Fort Lewis	McChord AFB
Fort Bragg	Pope AFB	Fort McClellan	Birmingham
Fort Buchanan	Roosevelt Rds NAS	Fort McCoy	Volk Field
Fort Campbell	Campbell AAF	Fort McPherson	Dobbins AFB
Fort Carson	Peterson AFB	Fort Meade	Dover AFB
Fort Dix	McGuire AFB	Fort Polk	Alexandria Intl Airport
Fort Drum	Griffis AFB	Fort Riley	Forbes AFB
Fort Eustis	Langley AFB	Fort Rucker	Eglin AFB
Fort Hood	Robert Gray AAF	Fort Sam Houston	Kelly AFB
Fort Huachuca	Davis-Montham AFB	Fort Sill	Altus AFB
Fort Irwin	Edwards AFB	Fort Stewart	Hunter AAF/Robins AFB
Fort Jackson			Gowen Field/Mtn Home



Arrival/Departure Airfield Control Group A/DACG

- Responsibilities (cont)

Control flow of troops/cargo at airfield

Act as unit's primary POC at airfield

Coordinate log support at airfield

Pre-inspect acft loads and documentation

Conduct Joint Inspection w/Air Force rep

Coordinate and control acft load teams

Coordinate and control MHE/CHE, as req'd

Compile and report statistical data

The background image is a faded, high-angle photograph of a military aircraft's cargo hold. A large, multi-wheeled transport vehicle, possibly a Chinook helicopter's cargo platform, is being loaded or unloaded. The vehicle is dark-colored and has several large tires. The aircraft's interior structure, including the floor and overhead equipment, is visible. The text "Aerial Port of Embarkation Operations" is overlaid in the center in a large, bold, black font with a slight drop shadow.

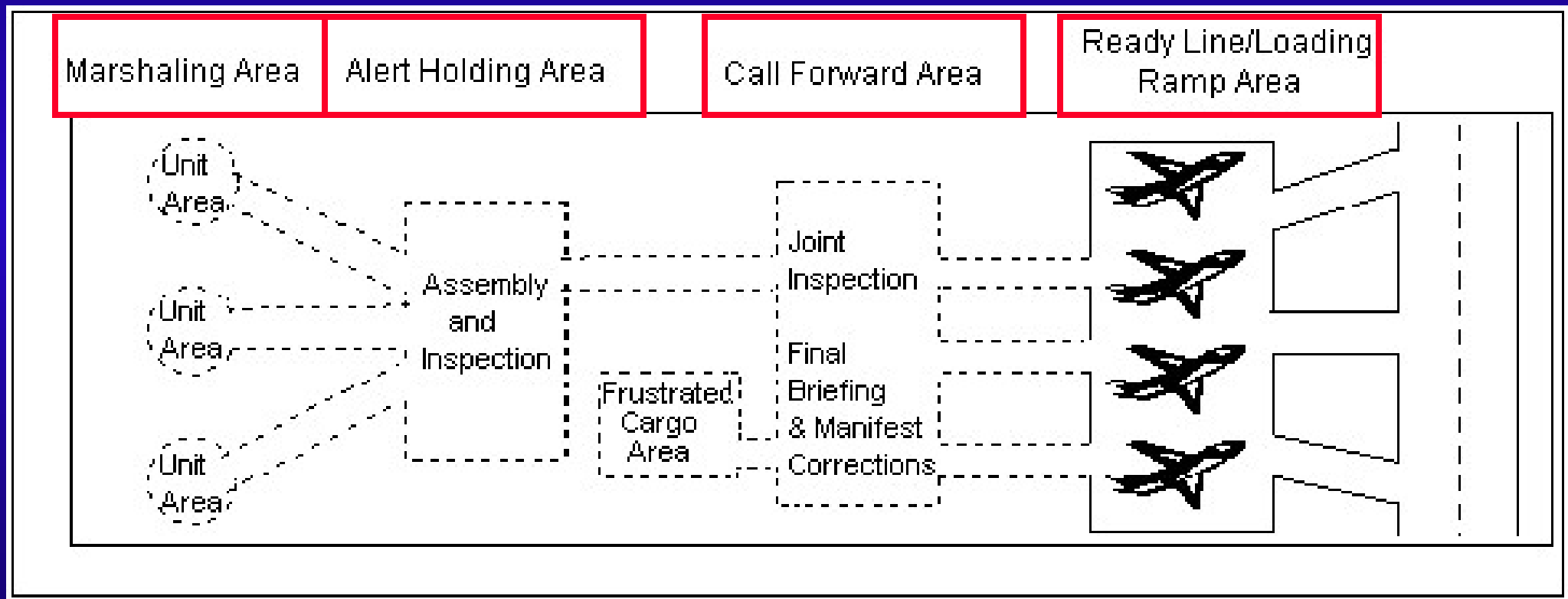
Aerial Port of Embarkation Operations



Notional APOE



- Aerial Port of Embarkation consists of four functional areas

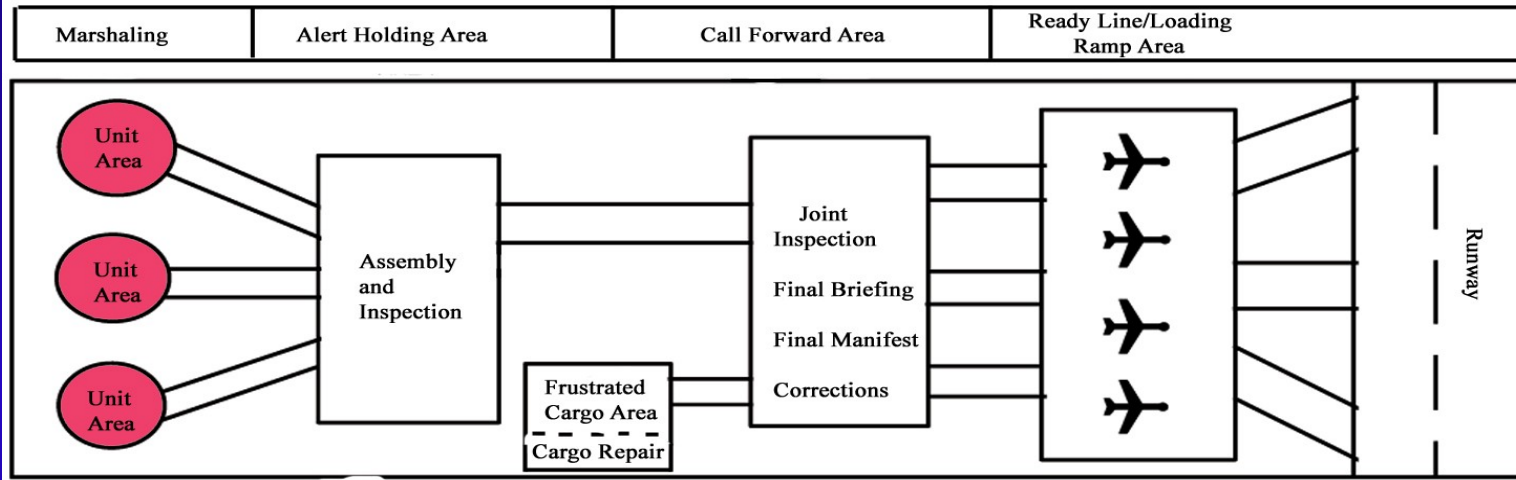


Ref: FM 3-35.4, p.4-11



Notional APOE Marshaling Area

Departure Airfield Operations



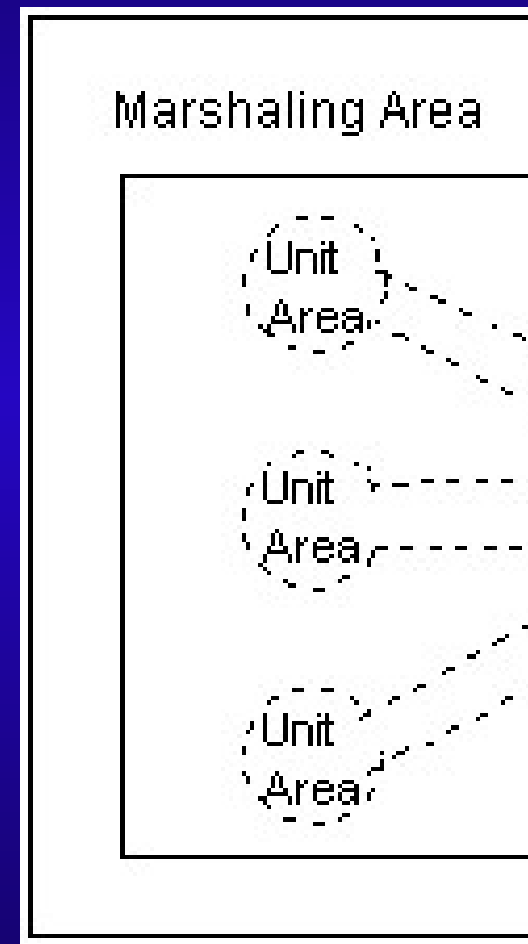
- Select equipment and supplies
- Documentation of Cargo and Personnel
- Initial Assembly
- Personnel Readiness
- Identify Troop Commander and Cargo Custodians



Marshaling Area



- Marshaling area
Located at or in the vicinity of the airfield location should not cause unnecessary congestion at the airfield or undue hardship to the deploying unit.
Deploying unit area of responsibility:
 - final preparations for air movement
 - DOD 4500.9R - Part III Mobility details requirements and procedures for marshaling of cargo





Marshaling Area Responsibilities



- Deploying units responsibilities include:
 - Establish liaison with DACG
 - Perform preparation of vehicles & equipment (including HAZMAT and customs documentation)
 - Prepare passenger & cargo manifests
 - Assemble personnel, vehicles, supplies & equipment into plane loads (chalks)
 - Ensure planeload/troop commanders appointed, briefed & escorts assigned (if required)



Troop Commander



- One per aircraft, normally the senior ranking individual
- Duties:
 - Attend pre-flight passenger briefing
 - Check all passengers for unauthorized material which could present a flight hazard (eg ammunition, fuel, etc) - recommended that an amnesty box be established in Marshaling or Alert Holding Areas
 - Assume control of all passengers listed for movement on the flight and make sure all are informed of formations, expected departure and reporting time
 - Be readily available to the DACG at all times





Troop Commander (cont)



■ Duties (cont):

- Perform a roll call prior to loading - report no-shows to DACG so manifest can be corrected
- Ensure personnel have placed their baggage on the proper vehicle or 463L pallet for movement to the aircraft
- Supervise passenger loading under the guidance of the Loadmaster (each individual appearing on the manifest boards the aircraft)
- Brief passengers to secure belongings
- If passenger removed from flight, ensure the passenger's baggage is also removed
- Collect all weapons, magazines (if not empty) and unsecured/non-palletized ammunition before the anti-hijack briefing - brief the loadmaster on details of all ammunition carried



Troop Commander (cont)



■ Duties (cont):

- Conduct anti-hijack inspection of all assigned troops - certify completion of inspection on Block 6 of DD Form 2131 (Passenger Manifest)
- Maintain in-flight discipline of all passengers
- Control the issue of in-flight rations to troops
- Help maintain cleanliness and safety in the aircraft
- Coordinate en-route station requirements (including scheduled offload of passengers and another anti-hijack inspection)
- Brief passengers regarding local restrictions for en-route stops
- Coordinate billeting and food for en-route stops for unit personnel
- Designate guards for personnel effects and equipment left on plane during en-route stops



Troop Commander (cont)



■ Duties (cont):

- Conduct anti-hijack inspection of all assigned troops - certify completion of inspection on Block 6 of DD Form 2131 (Passenger Manifest)
- Ensure awareness and composition and location of any hazardous material on aircraft
- At destination maintain control of passengers and arrange assistance for offloading baggage and/or cargo as required
- Maintain and complete Planeload/Troop Commander's itinerary (details number of passengers, when, where and for how long the aircraft stopped enroute and details of any delays)



Prohibited Items Briefing



- You may not take onboard:
 - Shotguns with barrels less than 18"
 - Rifles with barrels less than 16"
 - Automatic weapons
 - Switchblade knives
 - Brass knuckles
 - Incendiary devices, eg flares
 - Tear gas or mace
 - Gunpowder/cartridges or primers
 - Butane fuel canisters





Prohibited Items Briefing (cont)



- If directed by the OPLAN or OPORD you ship the following in checked baggage :
 - Unloaded government weapons
 - Ammunition (.475 caliber max) (packaged IAW TM 38-325)
 - Knives
 - Weapons and ammunition count against your authorized weight allowance
- Flashbulbs are prohibited in checked baggage, but may be hand carried
- Loadmasters will provide specific instruction on use of portable electronic devices during flight
- Ration heaters must never be opened or used to heat MREs during flight



Prohibited Items Briefing (cont)



- Alcohol
 - You cannot ship alcoholic beverages in checked baggage
 - Hand carry up to one gallon of alcoholic beverages but cannot drink them on board
 - Individuals who are obviously intoxicated will not be allowed onboard
- No illegal drugs (obviously)



Cargo Custodian



- Two per aircraft (identified as such as passenger manifest)
- Duties:
 - Before departure obtain copies of cargo manifest
 - Familiarize themselves with properties of any hazardous material aboard the aircraft
 - Be prepared to assist the flight crew in cargo related emergencies
 - Know the priority of the cargo on board in case of the event of an en route offload (one custodian will remain with the cargo if any portion is off-loaded at an en route base - the other will remain with the aircraft)
 - Make necessary arrangements to protect the cargo once the aircraft has landed - hand over cargo manifest to reception personnel



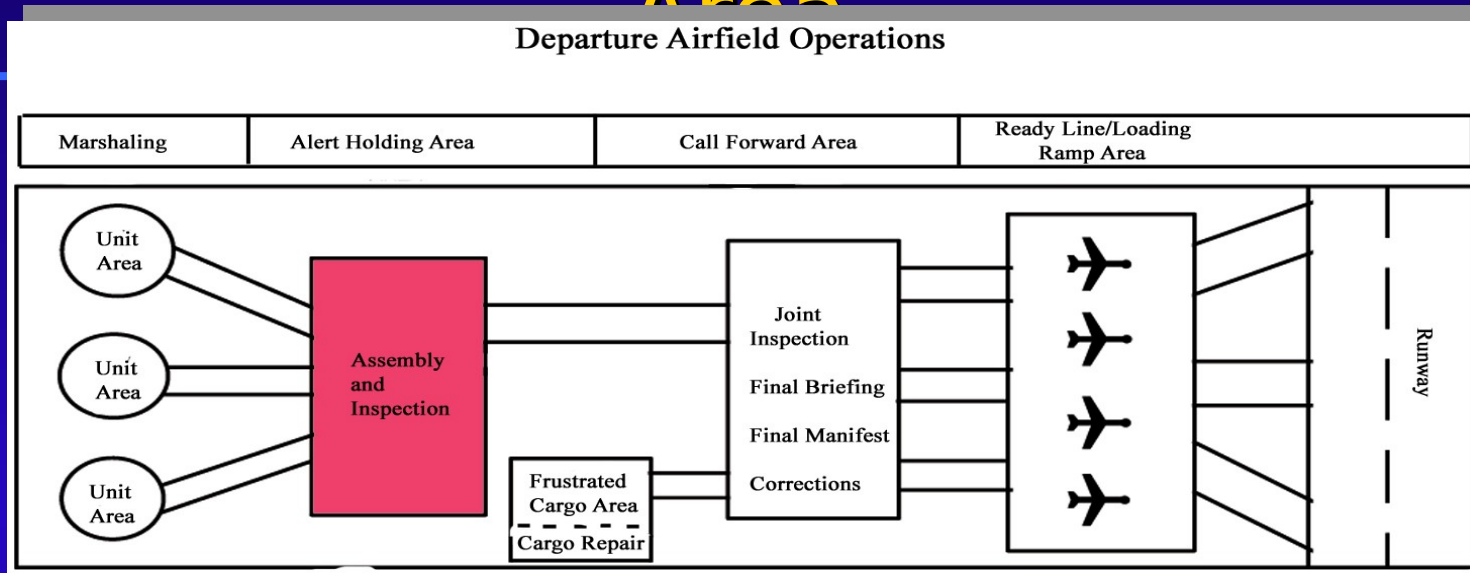
Marshaling Area Responsibilities (Cont)

- DACG responsibilities include:
 - Establish liaison with unit & TALCE
 - Coordinate with TALCE for USAF technical assistance for deploying unit
 - Call unit chalks forward to Alert Holding Area

Ref: FM 3-35.4, p.4-13



Notional APOE Alert Holding Area



- Control Transferred (Unit to DACG)
- Final Preparation (including cargo and personnel documentation) and assembly of personnel, cargo and equipment into chawks (loads)



Alert Holding Area



- Alert Holding Area
DACG area of responsibility
- Equipment, vehicle and passenger control area
Equipment & documentation is pre-inspected

Alert Holding Area

Assembly
and
Inspection



Alert Holding Area Responsibilities



- Deploying units responsibilities include:
 - Ensure chawks arrive in Alert Holding Area when scheduled
 - Completes final preparation and assembly of personnel, cargo and equipment into individual chawks
 - Provide DACG with passenger/cargo manifests, load plans and other required documentation
 - Correct any unit chalk discrepancies identified during pre-inspection then pass control of unit chawks to the DACG



Alert Holding Area Responsibilities

- DACG responsibilities (Cont)
- Ensure the unit loads arrive at the Alert Holding Area on time
- Receives, inventories and controls aircraft loads as they arrive in the Alert Holding Area
- Inspect chawks for completeness and correct preparation
- Inspect documentation for accuracy & completeness
- Inspect HAZMAT for proper loading and documentation
- Verify accuracy of weight & center of balance
- Establish a discrepancy correction area

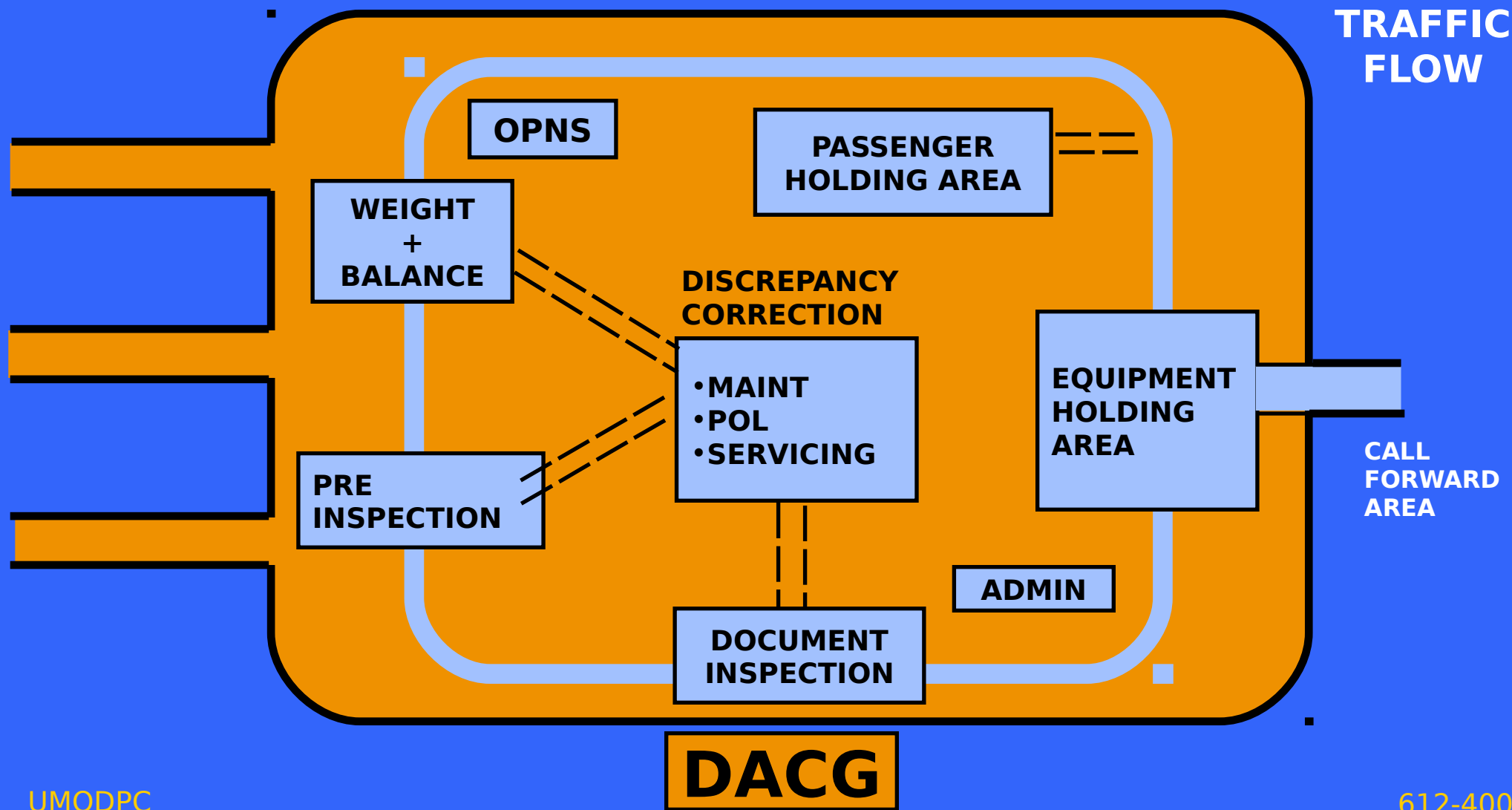
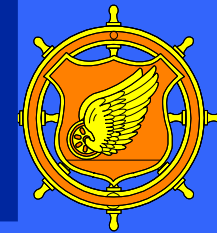


Alert Holding Area Responsibilities (Cont)

- DACG responsibilities include: (Cont)
 - Provide limited maintenance, POL & related services, as required to complete the out-loading mission
 - Coordinate MHE support as needed
 - Direct chucks to the Joint Inspection area (Call Forward Area)

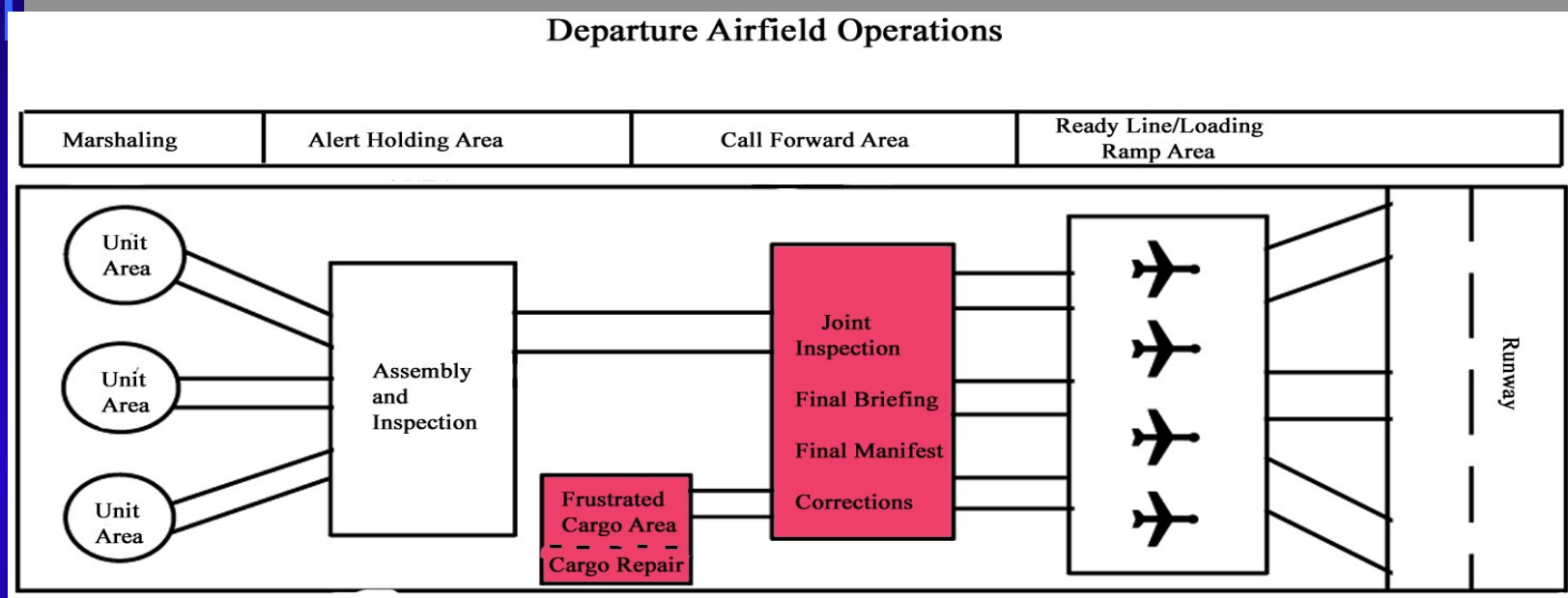


ALERT HOLDING AREA





Notional APOE Call Forward Area



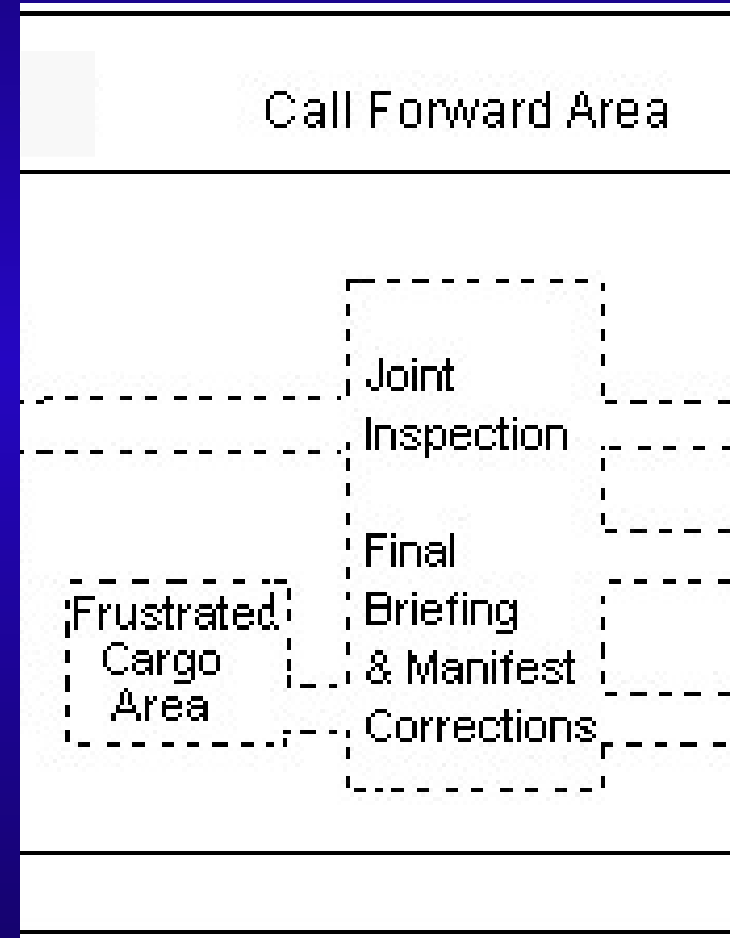
- Where Joint Inspection (DD Form 2133) between the deploying unit, the DACG and the TALCE is conducted and discrepancies corrected
- Frustrated Cargo Area



Call Forward Area



- Call Forward Area
 - Dual area of responsibility between DACG & TALCE
 - Used for Joint Inspection of deploying equipment & documentation





Call Forward Area



- Joint Inspection
 - Final check to ensure all cargo and equipment is properly prepared and documented for safe and efficient air shipment
 - Improperly prepared equipment will be sent to the Frustrated Cargo Area and will not be released for airlift until all discrepancies are corrected by the deploying unit
 - Any cargo sent to the Frustrated Cargo Area will have to be re-inspected before being accepted for further movement
 - Incomplete chawks will not be accepted for Joint Inspection (JI)



Call Forward Area



Timelines

- Cargo and equipment loads will be available for JI six (6) hours prior to aircraft departure
- Personnel will be available for passenger briefings and manifest checks three (3) hours prior to aircraft departure





Call Forward Area Responsibilities



- DACG responsibilities:
 - Maintain communications with unit & TALCE
 - Ensure unit passenger/cargo manifests are correct (final changes made)
 - Provides passenger holding area, if necessary
 - Ensure deploying unit adheres to the established movement time-tables
 - In coordination with deploying unit, ensure all discrepancies identified during joint inspection with TALCE are corrected
 - Maintain final corrected copy of each passenger/cargo manifest and inspection record



Call Forward Area Responsibilities

- DACG responsibilities (Cont)
 - Provide load team personnel & support equipment (MHE, pusher vehicle)
 - Ensure load team members are properly outfitted with safety equipment
 - Escort unit chucks to ready line & ensure all unit personnel are briefed on flight line safety procedures and requirements
 - Provide limited logistics support (fueling/defueling, maintenance) for deploying units

Pusher Vehicle

- Any type of vehicle modified with a front mounted pintle hook
- Allows the driver to have a direct view of the trailer as it is moved onto the aircraft.
- Quicker and safer than having the driver back the trailer onto the aircraft



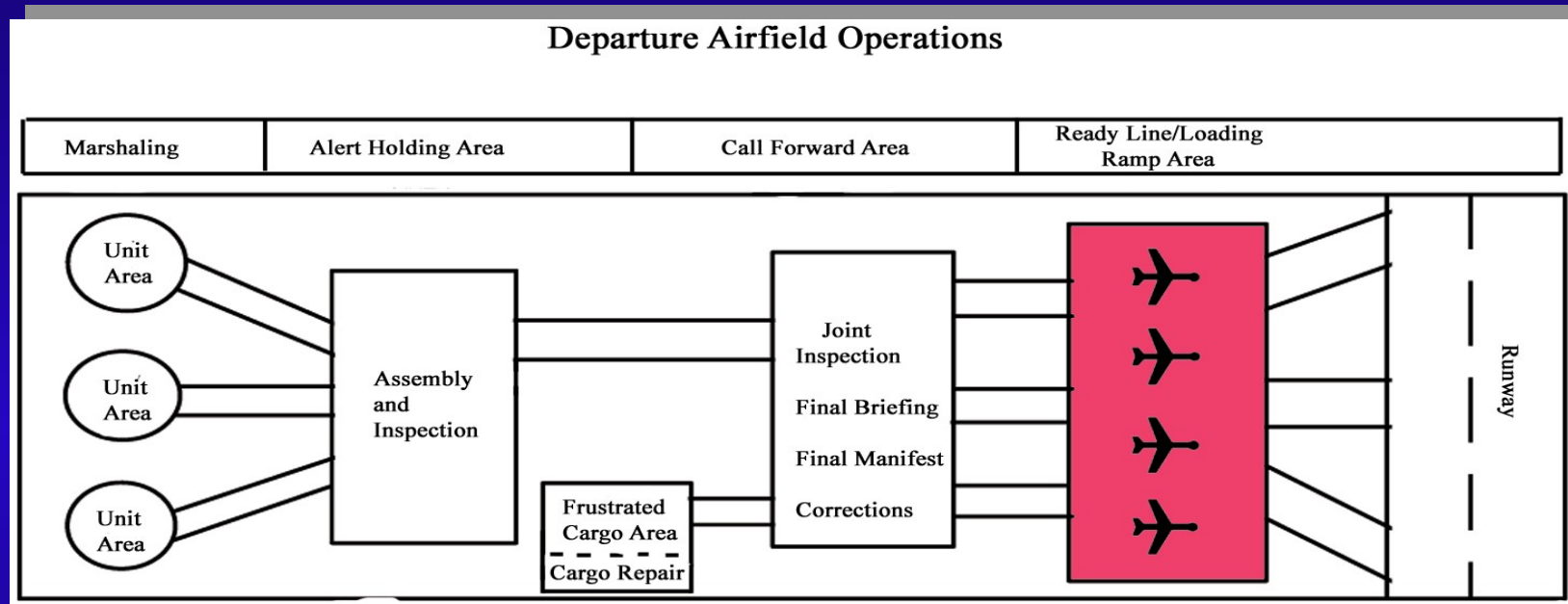


Call Forward Area Responsibilities

- TALCE responsibilities (Cont)
- Coordinate with DACG on any changes due to aircraft configuration or availability
- Provide airflow information to the DACG
- Conduct joint inspection with unit & DACG
- Provide final passenger/driver briefing for on/offload procedures and for flight line safety
- Provide team chief for each aircraft load team
- Notify DACG when to dispatch unit chawks to the loading ramp/ready line area



Notional Ready Line/Loading Ramp Area

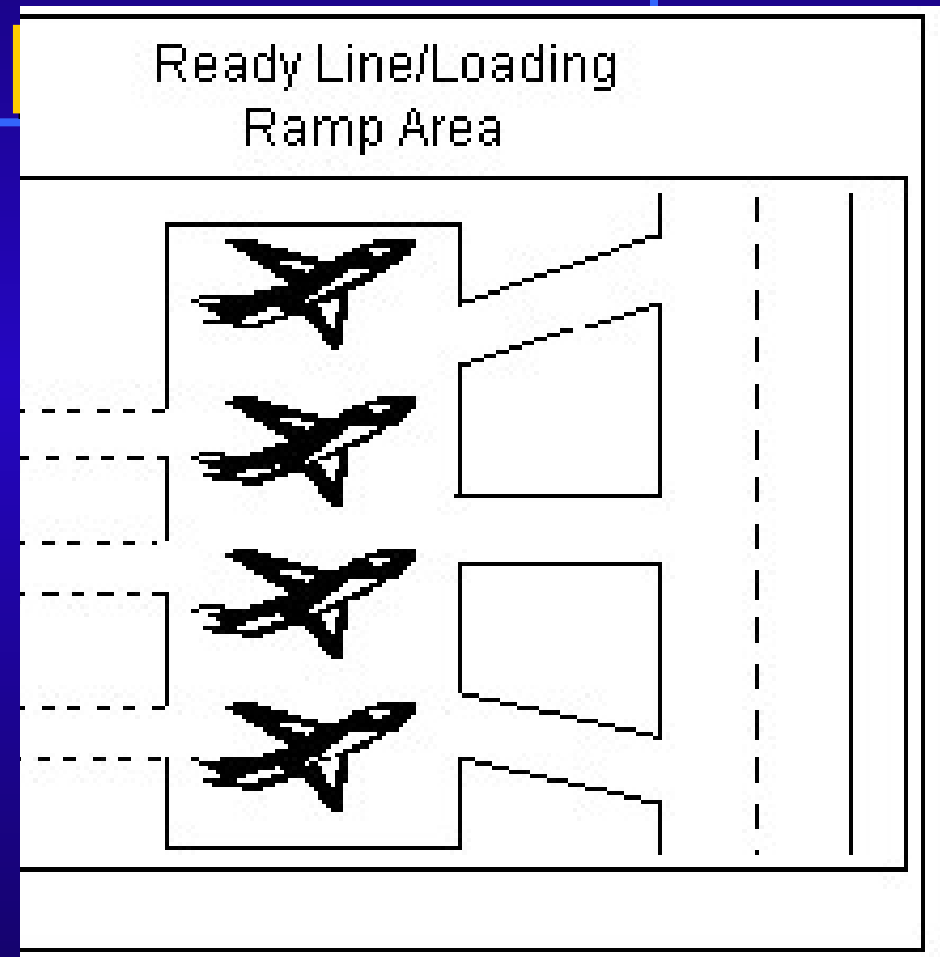


- Control of units transferred from DACG to TALCE (AMC)
- Cargo isolated in separate holding area - no additions or deletions after Joint Inspection (if changed another JI required)
- Cargo and Personnel Loading
- Ramp Operations



Notional APOE -- Ready Line/Loading Ramp

- Ready Line/
Loading Ramp Area
TALCE area of
responsibility
- TALCE controls
all
passengers/carg
o
& stages chawks
for aircraft





Ready Line / Loading Ramp

Responsibilities

- Planeload or troop Commander responsibilities
 - Controls aircraft passengers
 - Retains copy of final passenger/cargo manifest
 - Provide unit assistance, as required, to assist load master in securing vehicles
 - Ensures vehicle drivers follow loadmaster instructions for loading equipment



Ready Line / Loading Ramp Responsibilities (Cont)

- DACG responsibilities
 - Transfers control of chalks to the TALCE
 - Provides load teams to assist in loading and securing aircraft loads
 - Maintains coordination with the deploying unit representative and the TALCE



Ready Line / Loading Ramp Responsibilities (Cont)

- TALCE responsibilities:
 - Establish aircraft parking plan
 - Accept chocks from DACG & load aircraft
 - Ensure each chock is positioned to its aircraft
 - Ensure all drivers briefed on flight line safety
 - Maintain liaison with aircrew and DACG
 - Maintain communications with unit & DACG

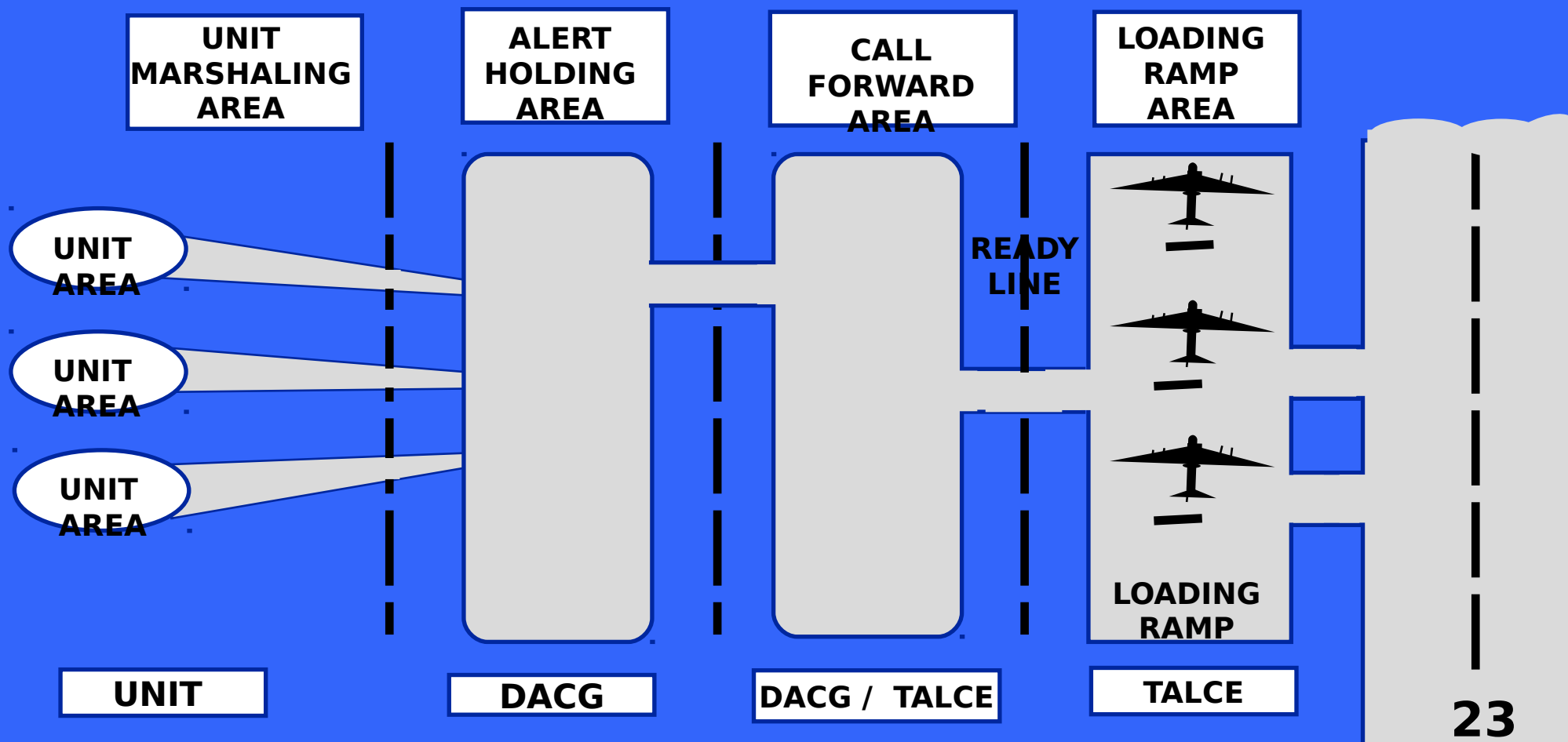


Ready Line / Loading Ramp Responsibilities (Cont)

- TALCE responsibilities (Cont):
 - Coordinate with aircraft loadmasters & ensure that loads are placed aboard the aircraft in time to meet the scheduled departure
 - Operate MHE, if required
 - Escort passengers to aircraft
 - Provide loadmaster with required copies of passenger/cargo manifests



APOE Control Diagram





Aerial Port of Debarkation Operations





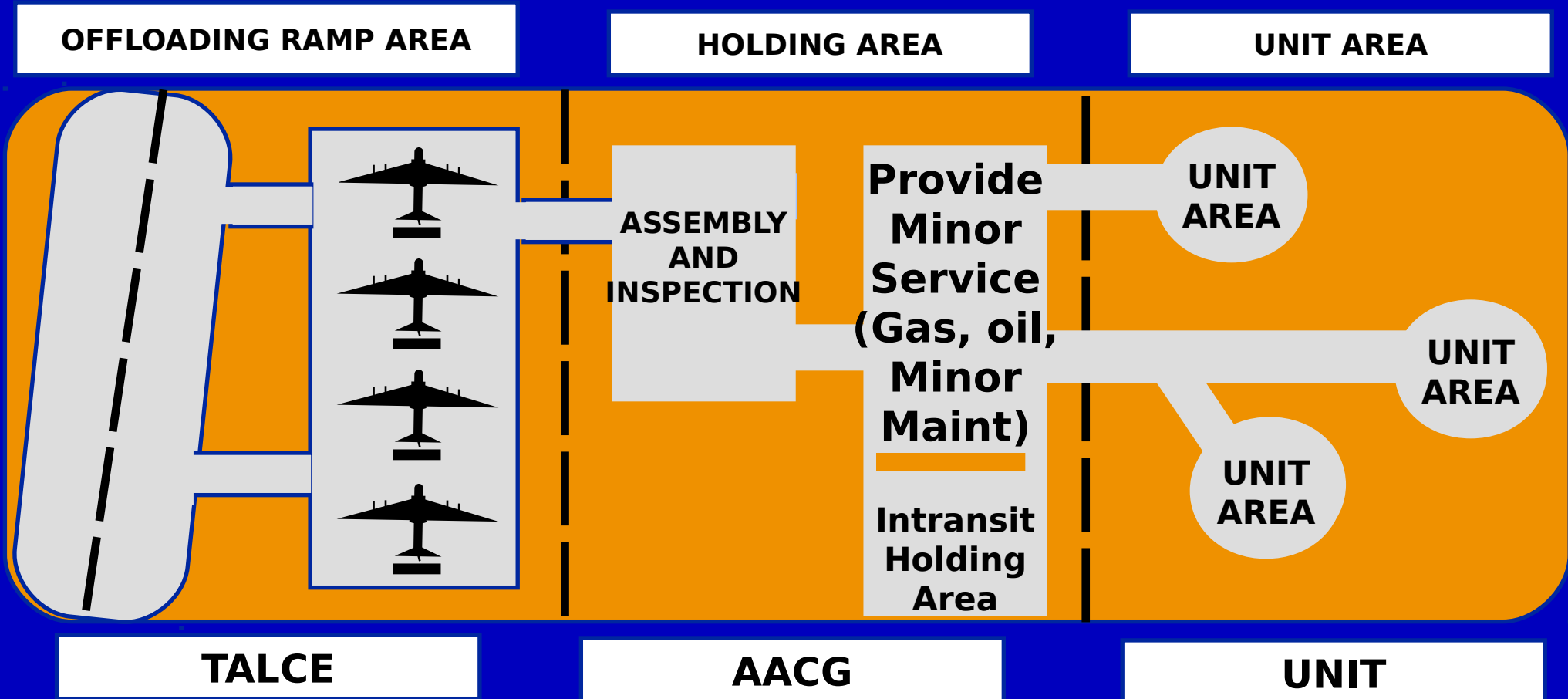
Arrival Airfield Control Group AACG



- Performs similar functions to DACG, except it is primarily concerned with offloading operations
- Prepositioned



Arrival Airfield Functions



- Control aircraft parking
- Supervise offloading
- Release planeloads to AACG

- Release planeloads to unit

- Accept planeloads from AACG
- Reorganize unit and depart airfield

Summary

- Facilitating Agencies
- APOE Operations
 - Marshaling Area
 - Alert Holding Area
 - Call Forward Area
 - Ready Line / Loading
 - Ramp Area
- APOD Operations

